

## Polarization Maintaining Optical Circulator

The 3 ports Polarization Maintaining optical circulator is built with PM fiber. The PM Circulator transmits a signal from port1 to port2 and another signal from port2 to port3 while maintaining the polarization of the signal.

The device provides excellent performance, stability and has met Bellcore-1209 requirements.

### Features

- Low Insertion Loss
- High Isolation
- High Return Loss
- High extinction ratio
- High Stability and Excellent Reliability



### Applications

- Fiber lasers
- Fiber amplifier
- Fiber Sensors
- Optical Communications

### Specifications

Item	Unit	Specifications	
Port Number		3	
Wavelength	nm	1310 or 1550	
Bandwidth	nm	±30	
Transmission Direction		Port 1 to 2, 2 to 3	
Grade		P	A
Insertion Loss	dB	≅ 0.80	≅ 1.00
Extinction Ratio	dB	≅ 22	
Return Loss	dB	≅ 50	
Isolation	dB	≅ 45	
Crosstalk	dB	≅ 50	
Max. Optical Power	mW	≅ 300	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

### Ordering Information

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